AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

(currently amended) A semiconductor device,
 comprising:

semiconductor elements formed on a substrate;

plural electrode pads arranged within active regions

of a main surface of a semiconductor chip; over said

semiconductor elements; and

a plural wiring layers layer arranged over the main surface of said semiconductor chip said semiconductor elements, said wiring layer being arranged below said plural electrode pads,

wherein in at least one said wiring layer, selected among said plural wiring layers and arranged below the plural electrode pads, area occupation rates of wirings arranged in areas of the respective planar regions of the plural electrode pads become are substantially uniform.

2. (withdrawn) A semiconductor device, comprising: plural electrode pads arranged within active regions of a

main surface of a semiconductor chip; and plural wiring layers arranged over the main surface of said semiconductor chip,

wherein in each wiring layer of the plural wiring layers and arranged below the plural electrode pads, occupation rates of wirings arranged in the respective planar regions of the plural electrode pads become uniform.

 (currently amended) A semiconductor device according to Claim 1,

wherein the <u>area</u> occupation rates of wirings arranged within the <u>areas of the planar regions of said plural</u> electrode pads are, respectively, at <u>least 50% or over of</u> the respective areas.

4. (currently amended) A semiconductor device according to Claim 1,

wherein variations in the <u>area</u> occupation rates of wirings arranged within the <u>areas of the</u> planar regions of said plural electrode pads are, respectively, within 10%.

 (currently amended) A semiconductor device according to Claim 1, wherein variations in the <u>area</u> occupation rates of wirings arranged within the <u>areas of the planar regions of said plural electrode pads are, respectively, within 5%.</u>

6. (withdrawn) A semiconductor device, comprising:
plural electrode pads arranged within active regions of a
main surface of a semiconductor chip; and plural wiring
layers arranged over the main surface of said semiconductor
chip,

wherein in at least one wiring layer selected among the plural wiring layers and arranged below the plural electrode pads, variations in the occupation rates of wirings arranged within planar regions of said plural electrode pads are, respectively, within 10%.

7. (withdrawn) A semiconductor device, comprising: plural electrode pads arranged within active regions of a main surface of a semiconductor chip; and plural wiring layers arranged over the main surface of said semiconductor chip,

wherein in at least one wiring layer selected among the plural wiring layers and arranged below the plural electrode pads, occupation rates of

wirings arranged within planar regions of said plural electrode pads are, respectively, 50% or over.

- 8. (currently amended) A semiconductor device according to Claim 1, wherein said plural electrode pads include plural dummy electrode pads and at least one of the plural dummy electrode pads has an area larger than an electrode pad for an integrated circuit taken from associated with said plural electrode pads.
- 9. (withdrawn) A semiconductor device, comprising: plural electrode pads arranged within active regions of a main surface of a semiconductor chip; and plural wiring layers arranged over the main surface of said semiconductor chip,

wherein said plural electrode pads include an electrode pad for integrated circuit formed in the main surface of said semiconductor chip and a dummy electrode pad, and the active regions are provided in the main surface of said semiconductor chip as an underlying layer of said electrode pads for

integrated circuit and said dummy electrode pads.

- 10. (withdrawn) A semiconductor device according to Claim 9, wherein said active region below said dummy electrode pad is provided as a dummy active region.
- 11. (original) A semiconductor device according to Claim 1, wherein a bump electrode is bonded to said plural electrode pads, respectively.
- 12. (currently amended) A semiconductor device according to Claim 1, wherein a dummy wiring, which is irrelevant to said semiconductor elements and wirings of said semiconductor chip and is thus in a floating condition, is arranged within the planar regions of the plural electrode pads.
- 13. (currently amended) A semiconductor device according to Claim 1,

wherein a wiring-removed portion is formed at part of a wiring layer of the wirings arranged within the planar regions of said plural electrode

pads is devoid of wiring.

14. (currently amended) A semiconductor device according to Claim 1, wherein a said semiconductor elements constitute circuit circuits for driving a liquid crystal display is formed in the main surface of said semiconductor chip.

15. (cancelled)

- 16. (withdrawn) A method for manufacturing a semiconductor device, comprising the steps of:
- (a) forming an isolation portion and an active region in a main surface of a semiconductor substrate;
- (b) forming plural wiring layers over the main surface of said semiconductor substrate; and
- (c) forming an insulating film to cover the uppermost wiring of said plural wiring layers therewith, and subsequently forming openings in the insulating film within the active region so that part of said uppermost wiring layer is exposed, thereby forming plural electrode pads,

wherein in at least one wiring layer of said plural wiring layers below said plural electrode pads, wirings are formed such that occupation rates of the wirings within planar regions of said plural electrode pads are made uniform.

- 17. (withdrawn) A method for manufacturing a semiconductor device, comprising the steps of:
- (a) forming an isolation portion and an active region in a main surface of a semiconductor substrate;
- (b) forming plural wiring layers over the main surface of said semiconductor substrate; and
- (c) forming an insulating film to cover the uppermost wiring of said plural wiring layers therewith, and subsequently forming openings in the insulating film within the active region so that part of said uppermost wiring layer is exposed, thereby forming plural electrode pads,

wherein in each of said plural wiring layers
below said plural electrode pads, wirings are formed
such that occupation rates of the wirings within
planar regions of said plural electrode pads are

made uniform.

- 18. (withdrawn) A method according to Claim 16, wherein occupation rates of the wirings arranged within the planar regions of said plural electrode pads are, respectively, 50% or over.
- 19. (withdrawn) A method according to Claim 16, wherein variations in occupation rate of wirings arranged within the planar regions of said plural electrode pads are, respectively, within 10%.
- 20. (withdrawn) A method according to Claim 16, wherein variations in occupation rate of the wirings arranged within the planar regions of said plural electrode pads are, respectively, within 5%.
- 21. (withdrawn) A method for manufacturing a semiconductor device, comprising the steps of:
- (a) forming an isolation portion and an active region in a main surface of a semiconductor substrate;
 - (b) forming plural wiring layers over the main

surface of said semiconductor substrate; and

(c) forming an insulating film to cover the uppermost wiring of said plural wiring layers therewith, and subsequently forming openings in the insulating film within the active region so that part of said uppermost wiring layer is exposed, thereby forming plural electrode pads,

wherein in at least one wiring layer of said plural wiring layers below said plural electrode pads, variations in occupation rate of the wirings within planar regions of said plural electrode pads are within 10%, respectively.

- 22. (withdrawn) A method for manufacturing a semiconductor device, comprising the steps of:
- (a) forming an isolation portion and an active region in a main surface of a semiconductor substrate;
- (b) forming plural wiring layers over the main surface of said semiconductor substrate; and
- (c) forming an insulating film to cover the uppermost wiring of said plural wiring layers therewith, and subsequently forming openings in the

insulating film within the active region so that part of said uppermost wiring layer is exposed, thereby forming plural electrode pads,

wherein in at least one wiring layer of said plural wiring layers below said plural electrode pads, occupation rates of the wirings within planar regions of said plural electrode pads are 50% or over, respectively.

- 23. (withdrawn) A method for manufacturing a semiconductor device, comprising the steps of:
- (a) forming an isolation portion and an active region in a main surface of a semiconductor substrate;
- (b) forming plural wiring layers over the main surface of said semiconductor substrate; and
- (c) forming an insulating film to cover the uppermost wiring of said plural wiring layers therewith, and subsequently forming openings in the insulating film within the active region so that part of said uppermost wiring layer is exposed, thereby forming plural electrode pads,

wherein said plural electrode pads include an

electrode pad for integrated circuit form on the main surface of said semiconductor substrate and a dummy electrode pad, and said active region is formed in the main surface of said semiconductor substrate as an underlying layer for said electrode pad for integrated circuit and said dummy pad, respectively.

- 24. (withdrawn) A method according to Claim 23, wherein said active region serving as an underlying layer for said dummy electrode pad is a dummy active region.
- 25. (withdrawn) A method according to Claim 16, further comprising, after the step (c), a step of bonding bump electrodes to said plural electrode pads.
- 26. (withdrawn) A method according to Claim 25, further comprising a step of subjecting the bump electrodes of said plural electrode pads and wirings of a glass substrate to pressure bonding in block.

- 27. (withdrawn) A method according to Claim 25, further comprising a step of subjecting said plural electrode pads and leads of a tape to pressure bonding via said bump electrodes in block.
- 28. (withdrawn) A method according to Claim 16, wherein a dummy wiring is formed within the planar regions of said plural electrode pads.
- 29. (withdrawn) A method according to Claim 16, wherein a wiring-removed portion is formed at part of wirings arranged within planar regions of the plural electrode pads.
- 30. (withdrawn) A method according to Claim 30, wherein underlying layers for wiring layers of said plural wiring layers where said plural electrode pads are arranged are polished by a chemical mechanical polishing method.
- 31. (withdrawn) A method according to Claim 16, wherein a circuit for driving a liquid crystal display is formed in the main surface of said

semiconductor substrate.

- 32. (withdrawn) A method according to Claim 16, wherein a semiconductor element is formed in said active region.
- 33. (withdrawn) A method for manufacturing a semiconductor device, comprising the steps of:
- (a) providing a semiconductor chip which includes: plural electrode pads arranged within active regions of a main surface of a semiconductor substrate; plural wiring layers arranged over the main surface of said semiconductor substrate and provided below the plural electrode pads; and a bump electrode for each of said plural electrode pads, in which in at least one wiring layer of the plural wiring layers, occupation rates of wirings arranged within the respective planar regions of said plural electrode pads are made uniform; and
- (b) subjecting the bump electrodes of said plural electrode pads and the wirings of a glass substrate to pressure bonding.

- 34. (withdrawn) A method according to Claim 33, wherein the bump electrodes of said plural electrode pads and the wirings of the glass substrate are pressure-bonded in block in such a state that an anisotropic conductive film is interposed between a plural electrode pad-forming surface of said semiconductor substrate and a wiring-forming surface of said glass substrate.
- 35. (withdrawn) A method according to Claim 33, wherein said glass substrate has a liquid panel mounted thereon.
- 36. (withdrawn) The semiconductor device according to Claim 2, wherein occupation rates of wirings arranged within the respective planar regions of said plural electrode pads are 50% or over.
- 37. (withdrawn) The semiconductor device according to Claim 2, wherein said plural electrode pads include plural dummy pads, at least one of which has an area larger than an electrode pad for

integrated circuit taken from said plural electrode pads.

- 38. (withdrawn) The semiconductor device according to Claim 37, wherein the active regions below the dummy electrode pads are dummy active regions, respectively.
- 39. (withdrawn) The semiconductor device according to Claim 2, wherein a dummy wiring, which is irrelevant to elements and wirings of said semiconductor chip and is thus in a floating condition, is arranged within the planar regions of the plural electrode pads.
- 40. (withdrawn) The semiconductor device according to Claim 2, wherein a wiring-removed portion is formed at part of the wirings arranged within the planar regions of said plural electrode pads.
- 41. (withdrawn) A semiconductor device comprising:

 plural electrode pads arranged within active regions

 of a main surface of a semiconductor chip; and

plural wirings arranged over the main surface of said semiconductor chip and arranged below said plural electrode pads,

wherein occupation rates of said wirings arranged in the respective planar regions of said plural electrode pads become uniform.

42. (new) A semiconductor device according to Claim 41,

wherein said wiring layer includes a dummy wiring not connected to said elements.

43. (new) A semiconductor device according to Claim 42,

wherein said dummy wiring is in a floating state.

44. (new) A semiconductor device according to Claim 41,

wherein at least some of said plural electrode pads are arranged in zigzag form.

45. (new) A semiconductor device comprising:

a semiconductor element formed on a substrate;

a wiring layer formed over said semiconductor element and having wiring connected to said semiconductor element; and

a pad formed over said wiring layer,

wherein in said wiring layer, an area occupation rate of wirings arranged in an area of a planar region of said pad and formed under said pad is at least 50% of said area.

46. (new) A semiconductor device according to Claim 45.

wherein said pad is a dummy pad not connected to said semiconductor element.

47. (new) A semiconductor device according to Claim 45,

wherein a bump electrode is bonded to said pad.

48. (new) A semiconductor device according to Claim 45,

wherein a portion of said wiring layer is devoid of wiring.

49. (new) A semiconductor device according to Claim 45,

wherein there are a plurality of said semiconductor element that constitute circuits for driving a liquid crystal display.

50. (new) A semiconductor device according to Claim 45,

wherein said wiring layer includes a dummy wiring not connected to said element.

51. (new) A semiconductor device according to Claim 50,

wherein said dummy wiring is in a floating state.

52. (new) A semiconductor device comprising:

a wiring layer formed over a semiconductor element on a substrate; and

a first pad and a second pad formed over said wiring layer,

wherein in said wiring layer, area occupation rates of wirings arranged in areas of respective planar regions of

said first and second pads, and formed under said first and second pads, are at least 50% of the respective areas.

- 53. (new) A semiconductor device according to Claim 52, wherein variations in said area occupation rates are within 10%.
- 54. (new) A semiconductor device according to Claim 52, wherein variations in said area occupation rates are within 5%.
- 55. (new) A semiconductor device according to Claim 52,

wherein said second pad is a dummy pad not connected to said semiconductor element.

56. (new) A semiconductor device according to Claim 55,

wherein the planar area size of said second pad is larger than the planar area size of said first pad.

57. (new) A semiconductor device according to Claim 52,

wherein bump electrodes are bonded to said first and second pads, respectively.

58. (new) A semiconductor device according to Claim 52,

wherein a part of said wiring layer arranged within said planar region of said first and second pads is devoid of wiring.

59. (new) A semiconductor device according to Claim 52,

wherein said wiring layer includes a dummy wiring in a floating state.

60. (new) A semiconductor device according to Claim 52,

wherein said first and second pads are arranged in zigzag form.

61. (new) A semiconductor device comprising:
semiconductor elements formed on a substrate;
a first pad and a second pad formed over said
semiconductor elements; and

a wiring layer having wiring connected to said semiconductor elements, said wiring layer being formed over said semiconductor elements and under said first and second pads,

wherein in said wiring layer, area occupation rates of wirings arranged in respective planar region areas of said first and second pads, and under said first and second pads, are at least 50% of the respective areas.

62. (new) A semiconductor device according to Claim 61,

wherein variations in said area occupation rates are within 10%.

63. (new) A semiconductor device according to Claim
61,

wherein variations in said area occupation rates are within 5%.

64. (new) A semiconductor device according to Claim 61,

wherein said second pad is a dummy pad not connected to said semiconductor elements.

65. (new) A semiconductor device according to Claim 64,

wherein the planar area size of said second pad is larger than the planar area size of said first pad.

66. (new) A semiconductor device according to Claim 61,

wherein bump electrodes are bonded to said first and second pads, respectively.

67. (new) A semiconductor device according to Claim 61,

wherein a portion of said wiring layer arranged within said planar region areas of said first and second pads is devoid of wiring.

68. (new) A semiconductor device according to Claim 61,

wherein said semiconductor elements constitute circuits for driving a liquid crystal display.

69. (new) A semiconductor device according to Claim 61,

wherein said wiring layer includes a dummy wiring not connected to said semiconductor elements.

70. (new) A semiconductor device according to Claim 69,

wherein said dummy wiring is in a floating state.

71. (new) A semiconductor device according to Claim 61,

wherein said first and second pads are arranged in zigzag form.